

OLYMPUS®

Stylus Epic ZOOM 170
Stylus Epic ZOOM 170 DELUXE

INSTRUCTIONS

Read this manual carefully before using your camera.



μ [mju:] - II ZOOM 170



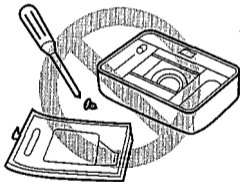
WARNING



Indicates circumstances under which mishandling resulting from ignoring this symbol could result in personal injury or property damage.

KEEP THE BATTERIES AWAY FROM FIRE. NEVER TRY TO DISASSEMBLE, RECHARGE, OR SHORT-CIRCUIT BATTERIES.

KEEP THE BATTERIES OUT OF THE REACH OF CHILDREN. IF A CHILD SWALLOWS A BATTERIES, CONTACT A DOCTOR IMMEDIATELY.



NEVER ATTEMPT TO DISASSEMBLE THE CAMERA; IT CONTAINS A HIGH-VOLTAGE CIRCUIT. IF THE INTERNAL PARTS OF THE CAMERA ARE EXPOSED DUE TO DROPPING OR DAMAGE, REMOVE THE BATTERIES IMMEDIATELY TO PREVENT FURTHER USAGE.

IN CASE OF MALFUNCTION, CONSULT YOUR NEAREST OLYMPUS DEALER OR OLYMPUS SERVICE CENTER.

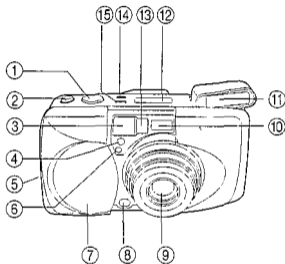
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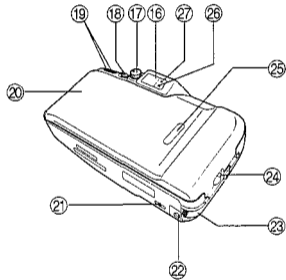
* Models with the panorama
switch only.

** QUARTZDATE/DELUXE
models only.

NAMES OF PARTS



- ① Shutter release button
- ② Zoom lever
- ③ Viewfinder
- ④ Light sensor*
- ⑤ Strap eyelet
- ⑥ Selftimer indicator
- ⑦ Lens barrier
- ⑧ Remote control sensor*
- ⑨ Lens*
- ⑩ Autofocus windows*
- ⑪ Flash*
- ⑫ LCD panel (date/time indicator**)
- ⑬ Autofocus auxiliary light*
- ⑭ Shooting mode button
- ⑮ Self-timer/remote control button

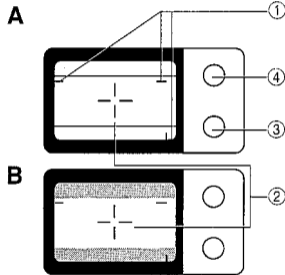


- ①⑥ Viewfinder
 - ①⑦ Diopter adjustment dial
 - ①⑧ Panorama switch***
 - ①⑨ MODE and SET buttons**
 - ②⑩ Back cover
 - ②⑪ Mid-roll rewind button
 - ②⑫ Tripod socket
 - ②⑬ Battery compartment cover
 - ②⑭ Back cover release
 - ②⑮ Film window
 - ②⑯ Green lamp
 - ②⑰ Orange lamp
- * Do not soil as this can cause blurred pictures. Wipe clean with a soft cloth.
- ** QUARTZDATE/DELUXE models only.
- ***May not be available depending on the model.

VIEWFINDER DISPLAY/ LCD PANEL

Viewfinder Display

- ① Close-up correction marks
- ② Autofocus mark
- ③ Green lamp
- ④ Orange lamp

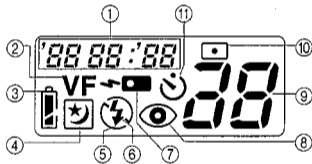


A: Standard mode

B: Panorama mode*

* Models with the panorama switch only.

The viewfinder will be dark when the battery is depleted.



LCD Panel

- ① Date/time indicator*
- ② Visual Confirmation Finder*
- ③ Battery Check
- ④ Night Scene Flash mode
- ⑤ Off (Flash Override) mode
- ⑥ Fill-In Flash mode
- ⑦ Remote control
- ⑧ Red-Eye Reduction Flash mode
- ⑨ Exposure counter
- ⑩ Spot
- ⑪ Selftimer/remote control**

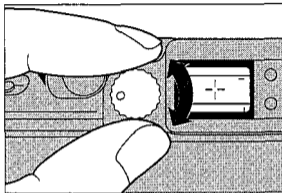
* QUARTZDATE/DELUXE models only.

**Optionally available.

Notes:

- If you don't use the camera, the LCD goes off after four and half minutes.
- The LCD panel does not actually display all indications simultaneously as shown.

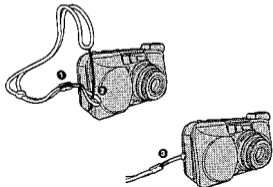
DIOPTR ADJUSTMENT



Turn the diopter adjustment dial until the viewfinder display becomes clear.

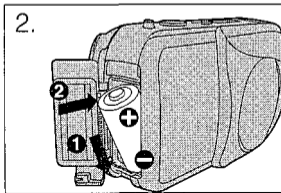
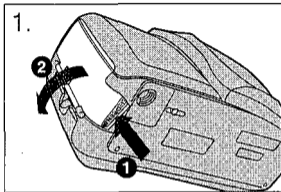
Turn to the right if you are farsighted or to the left if you are nearsighted.

USING THE STRAP



Attach the strap as shown.

LOADING THE BATTERY



1. Close the lens barrier. Push OPEN ① to open the battery compartment cover ②.
2. Insert the new battery correctly. (One 3V lithium battery. CR123A or DL123A)

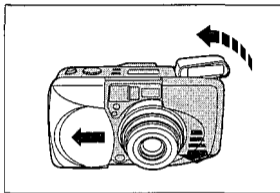
Notes:

- Dispose of used batteries in the battery recycling boxes at stores selling batteries.
- If lithium batteries are not fully discharged, protect against short-circuit (e.g. by taping the contacts) before disposing.


Notes:

- About 15 rolls of 24-exposure film can be used with one new battery.
- Keep a spare battery on hand when going on a long trip or to a cold area.
- Sweat, oil, and so on can prevent a battery's terminals from making electrical contact. To avoid this, wipe both terminals before loading the battery.


CHECKING THE BATTERY




Open the lens barrier until you feel a click.

Display:  lights (and turns off automatically).

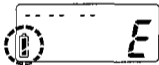
Meaning: Battery is OK. You can shoot.

Display:  blinks and other indicators are displayed normally.

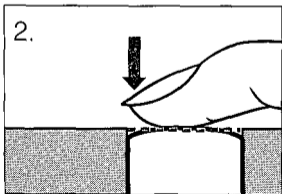
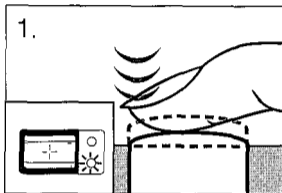
Meaning: Battery power is low and battery should be replaced.

Display:  blinks and other indicators go out.

Meaning: Battery is dead and should be replaced immediately.



PROPER SHUTTER RELEASE



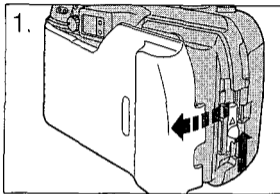
Practice before loading the film.

1. Depress the shutter release button halfway to lock the focus.
 - The green lamp next to the viewfinder lights.
2. Depress the shutter release button fully to release the shutter and take the picture.

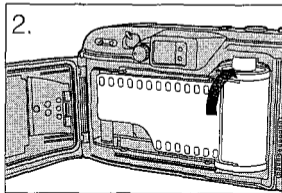
Cautions:

- Press the shutter release button gently.
- Avoid shaking the camera when pressing the shutter release button to prevent blurry pictures.

LOADING THE FILM

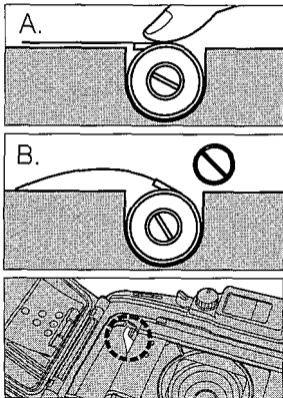


1. Open the back cover.
Do not touch the inside of the camera, especially the lens.



2. Insert the film cartridge until it clicks.

Note: Use of ISO 400 film is recommended.



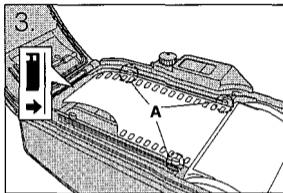
A. Correct

Make sure the film is lying flat before closing the back cover.

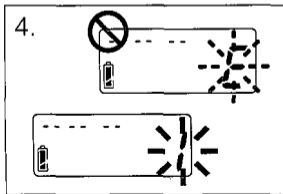
B. Incorrect

Push the film cartridge gently to position the film correctly. Then press the left side of the back cover and close it securely. If the film is not lying flat, the film may not advance to the first frame.

Do not touch the film-type material at the rewinding shaft.



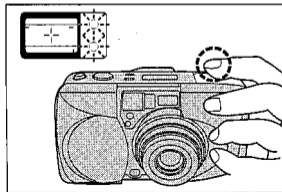
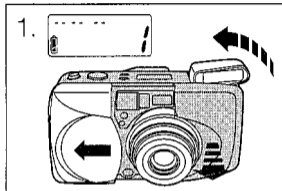
3. Align the film leader with the point of the arrow, and close the back cover.
- The film automatically advances to the first frame.
 - The film does not overlap any of the positioning guides (A). Then close the back cover.



4. Open the lens barrier until you feel a click.
- The exposure counter on the LCD panel reads !.

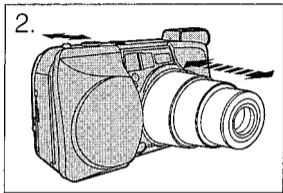
Note: If **E** blinks in the exposure counter, the film is improperly loaded. Reload the film.

TAKING PICTURES



1. Open the lens barrier until you feel a click.
→ The lens extends slightly, the flash pops up, and the LCD panel turns on.

Note: When the flash is held down, the camera will not activate. Release your finger from the flash.

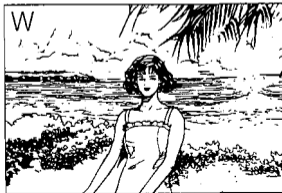


2. Aim the camera at your subject. Use the zoom lever for telephoto or wide-angle photography.



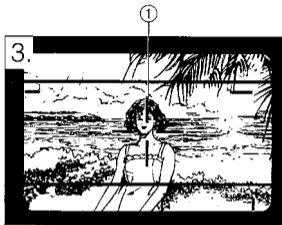
How to Use the Zoom Lever

Telephoto: Pull the lever to the "T" side to zoom in.



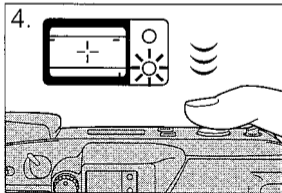
Wide angle: Push the lever to the "W" side to zoom out.



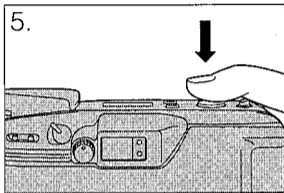


3. Position the autofocus mark ① on your subject.

WARNING: SERIOUS EYE DAMAGE MAY RESULT FROM LOOKING DIRECTLY AT THE SUN THROUGH THE VIEWFINDER.



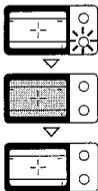
4. Depress the shutter release button halfway to adjust the focus.
- Focus has been correctly adjusted and the green lamp lights. Exposure will also be adjusted automatically.



5. Depress the shutter release button fully to take the picture.

Note: Keep your fingers and the strap away from the lens, autofocus windows and flash.

Working distance: 0.8 m (2.6 ft) ~ ∞ (infinity)



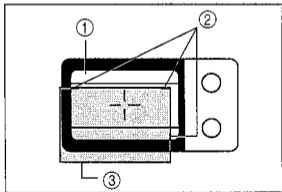
Notes:

- When the subject is closer than the minimum working distance, the shutter will not release. (The green lamp blinks.)
- When the subject is extremely close to the camera, the subject will be out of focus although the shutter releases.



Multi autofocus

This camera has a built-in multi autofocus system. With this system, the camera automatically sets the focus on a subject even in compositions where the subject may not be in the center of the frame.

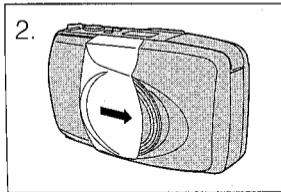
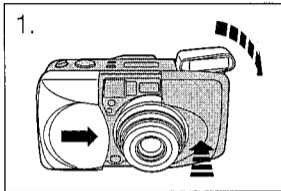


Close-up Correction

- ① Picture area at ∞ (infinity)
- ② Close-up correction marks
- ③ Image area of picture at 0.8 m (2.6 ft) (Telephoto side)

The picture area will move lower in the viewfinder as you get closer to the subject.

AFTER SHOOTING



1. Close the lens barrier slowly and carefully. The lens and flash will retract automatically.
2. Close the lens barrier completely.

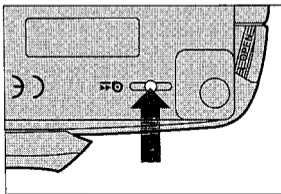
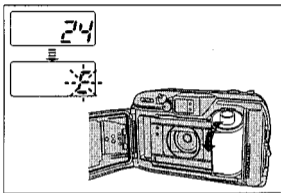
Caution: Do not forcibly close the lens barrier as it will interfere with lens retraction.

Note: The power is turned off automatically after 4 hours. When the camera is not in use, try to keep the lens barrier closed.

UNLOADING THE FILM

The camera automatically rewinds the film when you reach the end of a roll.

→ After the motor stops and **E** starts blinking on the LCD panel, open the back cover and remove the film.

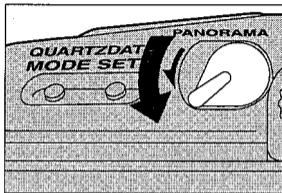


Rewinding the film before the end of the roll

Press the mid-roll rewind button gently with the tip of nail and the like.

Caution: Do not use an instrument with a sharp tip.

TAKING PANORAMA PICTURES*



Set the switch to PANORAMA.

Caution: To avoid malfunction, do not touch the sliding panorama borders inside the camera when the back cover is open in the Panorama mode.

Notes:

- Always set the panorama switch to either end, not midway between the two ends.
- The panorama frame in the viewfinder will disappear after a certain amount of time. To display it again, close and open the lens barrier.

* Models with the panorama switch only.

A.

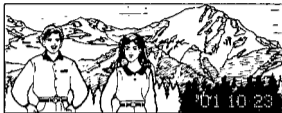


B.



- Availability of panorama format film processing facilities varies according to area. We recommend that you consult your local film processor or camera dealer before taking pictures in the Panorama mode.
- When pictures taken in the Panorama mode are printed in the standard size, black strips appear at top and bottom of prints.

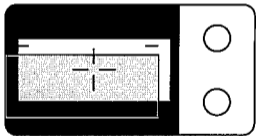
- A. Viewfinder in the Standard mode
B. Viewfinder in the Panorama mode



Printing the Date and time in the Panorama Mode

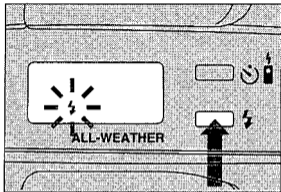
With this camera, the date and time can be included even in the Panorama mode, but the characters will be slightly larger than normal.

For QUARTZDATE/PANORAMA models only.



Close-up Correction in the Panorama Mode

At about 0.8 m (2.6 ft) (telephoto side), the shaded area in the illustration becomes the image area.



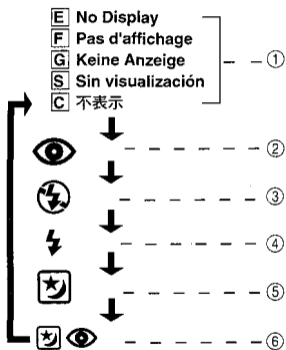
USING THE FLASH AND SHOOTING MODES

This camera has six shooting modes. Use these modes in accordance with the photographic conditions and your purpose.

Setting the Modes

Each time the shooting mode button is pressed, the mode will change sequentially as shown on page 31.

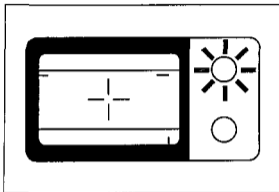
WARNING: DO NOT FIRE FLASH TOO CLOSE TO THE EYES OF PEOPLE OR ANIMALS.



- ① Auto Flash mode (p. 32)
- ② Red-Eye Reduction Flash mode (p. 33)
- ③ Off (Flash Override) mode (p. 35)
- ④ Fill-in Flash (Forced Activation) mode (p. 36)
- ⑤ Night Scene Flash mode (p. 37)
- ⑥ Red-Eye Reduction Night Scene Flash mode (p. 38)

Note: The flash strength is automatically controlled to prevent pictures from being overexposed even when the subjects are close.

AUTO FLASH



The flash fires automatically in dark places, with backlighting and under fluorescent or other artificial lighting.

→ The orange lamp lights when the shutter release button is depressed halfway.

Notes:

- When the orange lamp is blinking, the flash is being recharged and the shutter won't release. Release your finger from the shutter release button, and wait for several seconds.
- Maximum distance is about 70% of the working range (☆) when using reversal film.


☆ **Flash Working Range (with color negative film)**

ISO	W (38 mm)☆	T (170 mm)☆
100	0.8 ~ 5 m (2.6 ~ 16.4 ft)	0.8 ~ 1.8 m (2.6 ~ 5.9 ft)
200	0.8 ~ 7.1 m (2.6 ~ 23.3 ft)	0.8 ~ 2.6 m (2.6 ~ 8.5 ft)
400	0.8 ~ 10 m (2.6 ~ 32.8 ft)	0.8 ~ 3.6 m (2.6 ~ 11.8 ft)

RED-EYE REDUCTION FLASH



Significantly reduces the phenomenon of "red-eye" (when a subject's eyes appear red in flash photography).

In the  flash mode, the camera will fire a series of low-power pre-flashes before the regular flash.

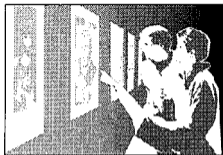
Red-eye reduction may not be effective when the subject:

1. Is not looking at the flash from the right front.
2. Is not watching the pre-flashes.
3. Is too far from the camera.

The effectiveness of red-eye reduction varies depending on the individual characteristics of subjects.

IMPORTANT: Be sure to hold the camera still until the shutter releases. It takes approximately 1 second.

OFF (FLASH OVERRIDE)



When you don't want the flash to fire (even in the dark) or when you want to shoot such subjects as fireworks.

Use this mode in situations where flash photography is not desired or is prohibited or in twilight or night scenes.

Note: Since a slow shutter speed (down to 2 seconds) is automatically selected in low-light situations, the use of a tripod is recommended. Closing the lens barrier restores the Auto Flash mode.

FILL-IN FLASH (Forced Activation)

When you want the flash to fire for each shot.

The flash fires regardless of available light. Use this mode to compensate for a shadow cast on the subject's face (such as the shadow of a tree). It is also used when shooting in backlit conditions or under artificial lighting (such as fluorescent light). Use this mode within the flash working range (p. 32). Closing the lens barrier restores the Auto Flash mode.



NIGHT SCENE FLASH

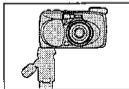


When taking pictures of a night scene, this mode produces clear images.

Notes:

- To avoid camera shake, the use of a tripod is recommended since a slow shutter speed (down to approximately 4 seconds) is automatically selected in low-light situations.
- Turning off the camera restores the Auto Flash mode.
- Moving objects will be blurred.


People should not move even after the flash has flashed.



RED-EYE REDUCTION NIGHT SCENE FLASH MODE

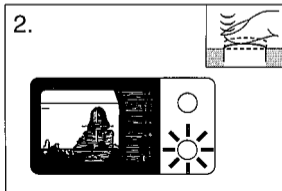
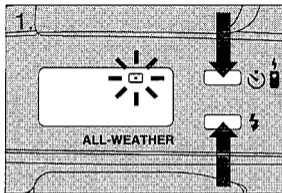
You can take pictures of people with a night scene background while reducing the "red-eye" phenomenon.



Notes:

- Except for the  pre-flashes, this mode is the same as the Night Scene Flash mode.
- Read precautionary remarks in "Red-Eye Reduction Flash" (p. 33) and "Night Scene Flash" (p. 37).
- When the lens barrier is closed, the camera switches to the Red-Eye Reduction Flash mode.

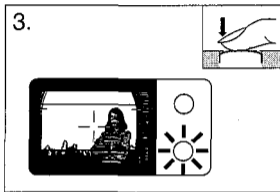


SPOT MODE



1. Press the selftimer/remote control and flash mode buttons simultaneously to enter the Spot mode. The LCD panel displays . Press those buttons simultaneously again to cancel the Spot mode.
2. Position the autofocus mark  on your subject, and press the shutter release button halfway

- The green lamp lights.
- The exposure will be locked in the center of the autofocus mark.



3. Reposition your subject in the picture frame while keeping the shutter release button depressed halfway. Then press the shutter release button fully.

After the Spot mode has been engaged or disengaged, check the selftimer/remote control and flash mode settings.

Focus and exposure can be adjusted at a different point from the autofocus frame using the Spot mode.

The use of the Spot mode is recommended in the following cases:

- When there is an object in front of the main subject.
- When the subject is on the edge of the frame.
- When the background is brighter than the subject (the subject is backlit).

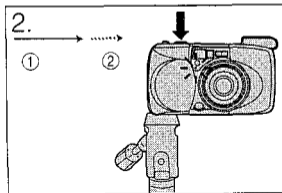
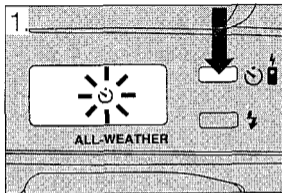
Difficult-to-Autofocus Subjects



Although this camera's autofocus system can lock on virtually any subject, under certain conditions, such as ① ~ ⑥ below, it may not lock on the correct subject even if the shutter releases. This can happen either when the green lamp lights or blinks rapidly.

In these situations, first focus on a different subject at a similar distance, and then reposition the correct subject in the picture frame.



- ① Subjects with low contrast
- ② Subjects that do not contain vertical lines
- ③ Subjects with an extremely bright area in the part of the image
- ④ Two subjects at different distances
- ⑤ Subjects with repetitive patterns
- ⑥ Subjects with strong backlight

SELFTIMER








1. Press the  button to display .
 - Fix the camera on a tripod or other support.
 2. Aim at your subject, and press the shutter release button. The shutter will be released about 12 seconds after you press the button. The selftimer automatically disengages after release.
- ① 10 sec: Selftimer indicator lights
 - ② 2 sec: Blinks

Notes:

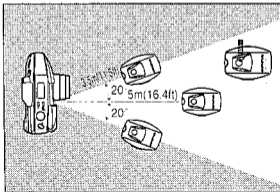
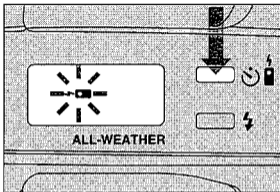
- The focus and exposure will be locked when the shutter release button is depressed halfway.
- To cancel the selftimer after it has been activated, press the   button again.

USING THE RC-200 REMOTE CONTROL (optional)

1. Press the   button to display .

To cancel this mode, press the   button again.

2. Aim the remote control at the camera, and press the button. The shutter will be released after about 3 seconds.

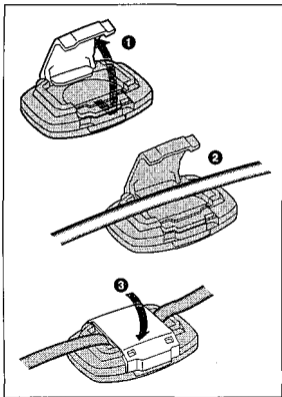


WARNINGS:

- KEEP THE REMOTE CONTROL OUT THE REACH OF CHILDREN. IF A CHILD SWALLOWS THE REMOTE CONTROL, CONTACT A DOCTOR IMMEDIATELY.
- NEVER EXPOSE THE REMOTE CONTROL TO EXCESSIVE HEAT OR OPEN FLAME.

Notes:

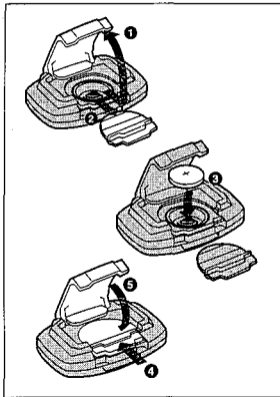
- Use the remote control within a range that can be seen in the viewfinder.
- The camera will focus on the subject directly in front of it.
- The remote control may not work when the subject is backlit. In this case, use the selftimer.
- The remote control may not work when there is inverted fluorescent light near the camera.



Attaching to the Strap

Open the buckle ①, insert the strap ②, and close the buckle ③.

The remote control can be attached to round straps with a diameter of 3 ~ 5 mm (0.12 ~ 0.2 in) and flat straps with a thickness of 1.2 ~ 2 mm (0.05 ~ 0.08 in) and a width of 6 ~ 12.5 mm (0.24 ~ 0.5 in).



Replacing the Battery

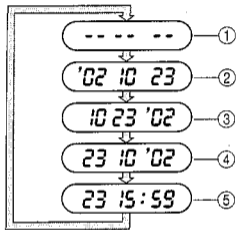
1. Open the buckle ① and remove the battery cover inside by sliding ② in the direction of the arrow.
2. Insert a new battery (CR1220) with the plus ⊕ mark showing on top ③.
3. Attach the battery cover by sliding in the direction of the arrow ④.
4. Close the buckle ⑤.

Handling Cautions

- Never apply excessive force to the remote control when attached to the strap.
- Usable temperature range: -10°C ~ 40°C (14°F ~ 104°F).

PRINTING THE DATE AND TIME (for QUARTZDATE/DELUXE models only)

As you press the MODE button, the mode will switch in the order shown below.

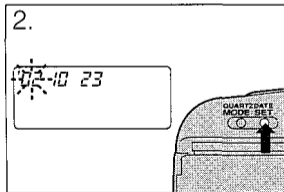
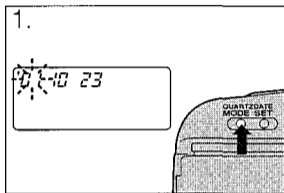


- ① No data
- ② Year-month-day
- ③ Month-day-year
- ④ Day-month-year
- ⑤ Day-hour-minute

The quartzdate uses the same power source as the main unit. Make sure to correct the data after the battery is replaced.

The data is imprinted in the lower right corner of the picture. When there are bright colors like white, orange, yellow, etc., the data may be difficult to read. The data may not be imprinted correctly on the frame(s) after the specified final exposure of the film.

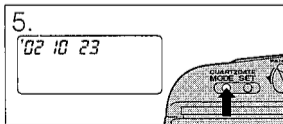
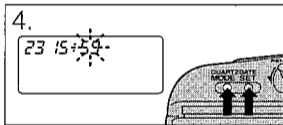
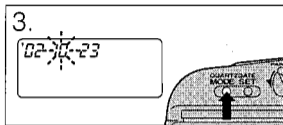
CORRECTING THE DATE (for QUARTZDATE/DELUXE models only)



1. Keep the MODE button depressed to bring the year indication to blinking. The year indication will start blinking.

Do not use an instrument with a sharp tip.

2. Press the SET button to correct the year. If you press the button once, the number on the display will advance by 1. If you keep it pressed, the numbers will run in rapid succession. When the intended number has been exceeded, keep pressing to return to that number.



3. Press the MODE button again.

The month indication will start blinking.

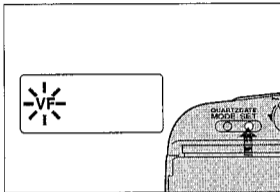
4. Repeat pressing of the SET and MODE buttons until the hours and the minutes have been set.

5. Press the MODE button for completion.

- The indication becomes "year-month-day".
- After completion, select the mode to be displayed, (p. 49)

Note: As you press the mode button, the blinking indication changes in the order of year, month, day, hour, and minute.

VISUAL CONFIRMATION FINDER (for DELUXE model only)



This camera incorporates a shutter release visual confirmation function. This momentarily darkens the viewfinder during shutter release to provide you with confirmation that the shutter has been released.

If you do not want to use this function, keep the SET button pressed until the VF indication goes out (5 sec or more). To use the function again, keep the SET button pressed until the VF indication lights (5 sec or more).

CARE AND STORAGE

- Do not leave the camera in any place exposed to excessive heat, humidity, or direct sunlight — for example, in a car or on the beach.
- Do not expose the camera to formalin or naphthalene.
- If the camera gets wet, wipe it with a dry towel. The salt in seawater can be especially damaging.
- Do not use organic solvents, such as alcohol or paint thinner when cleaning the camera.
- Do not leave the camera on or near a television, refrigerator, or other appliance with a magnetic field.

- Do not expose the camera to dust or sand as this could cause serious damage.
- Do not shake or shock the camera.
- Do not apply excessive force to the zoom lens.
- Keep the camera in a well-ventilated place.
- Do not expose the camera to extreme heat (over 40°C/104°F) or to extreme cold (below -10°C/14°F). Low temperatures, even within this range, may sometimes cause deterioration in battery performance, temporarily disabling the camera.

- When transporting the camera from a cold place to a warm place or in the event of a sudden temperature change, put the camera into a plastic bag. This allows the camera's temperature to change slowly. Once the camera has adjusted to the new temperature, you can remove it from the bag and use it.

- Avoid leaving the camera unused for long periods of time. This can cause mold to grow on the camera as well as other problems. Try to press the shutter release button and check the operation of the camera before use.
- Some airport X-ray machines can damage the film in your camera. Try to avoid passing your camera through these machines. Give it to the security officer for manual inspection.

CARING FOR YOUR WEATHERPROOF CAMERA

This camera is designed to be water-resistant; however, it is not designed for underwater use or to be subjected to being saturated. Seawater can be especially damaging to your camera due to salt content. Note the following warnings and take the necessary precautions if your camera becomes wet.

- The camera can withstand splashing water (e.g., seaside and poolside)
- The camera can be used in rain or snow but should not become soaked.
- Do not wash the camera.
- Do not submerge the camera or attempt to take pictures underwater.

This camera is designed with rubber gaskets located inside the rear of the camera and battery compartment cover.

These gaskets protect the interior of the camera from becoming wet in the event the camera is splashed with water. Check these gaskets often and carefully remove any sand or dust to maintain this protective seal.

Whenever your camera gets wet, take the following precautions to maintain your camera in good working order.

- Clean the entire exterior of the camera with a dry cloth.
- Open the battery compartment and remove the battery, leaving the battery cover open.
- Open the back cover and expose the film compartment.
- Check the interior to see if it is wet. If it is, carefully dry it.
- Leave both the battery compartment and back cover for several hours to let it air-dry.

Do not touch the rubber gasket with excessive force. Do not remove the gaskets. The gaskets in your camera should be replaced after approximately three years to insure consistently good weatherproof performance. They may need more frequent replacement depending on use and wear. If the gaskets are damaged or need replacement, contact your nearest Olympus service center.

If you are taking pictures at the beach, you need to avoid getting sand on or inside of your camera. Transport your camera in its own case. Do not wrap your camera up with beach towels and carry it in your beach bag.

SPECIFICATIONS

Type: Full automatic 35 mm autofocus lens-shutter camera with built-in 38 ~ 170 mm zoom lens.

Film format: 35 mm standard DX-coded film (24 x 36 mm).

Lens: Olympus lens 38 ~ 170 mm F4.8 ~ 13, 10 elements in 8 groups.

Shutter: Programmed electronic shutter.

Viewfinder: Standard/panorama switchable (models with panorama switch only), visual confirmation finder (DELUXE model only), real image zoom viewfinder (with autofocus mark, close-up correction marks, autofocus indicator and flash indicator).

Focusing: Advanced combination auto focus system. Focus lock possible. Focusing range — 0.8m (2.6 ft) ~ ∞ (infinity).

Exposure control: Programmed automatic exposure control, 3-zone light metering, switchable to spot metering. Auto exposure range: Wide angle — EV 2.6 (F4.8·4 sec.) ~ EV 16 (F12.8·1/400sec.); Telephoto — EV 5.4 (F13·4 sec.) ~ EV 17 (F22.9·1/250 sec.).

Exposure counter: Progressive type with automatic reset, displayed on LCD panel.

Selftimer: Electronic selftimer with approx. 12-sec. delay.






Remote control (optional):

Infrared remote control unit
with approx. 3-sec. delay.

Film speed range: Automatic
setting with DX-coded film
with ISO 50, 100, 200, 400,
800, 1600 and 3200. Film
speeds other than above
will be automatically set to
next lower speed. For non-
DX-coded film and film with
less than ISO 50, film speed
is set to ISO 100.

Film loading: Automatic loading.
(Automatically advances to
first frame when camera
back cover is closed.)
Film advance: Automatic film
winding.
Film rewind: Automatic film
rewind (automatic rewind
activation at end of film,
automatic rewind stop).
Rewind possible at any
point with rewind button.

Flash: Built-in flash. Recycling time: Approx. 0.5 ~ 5.5 sec. (at normal temperature with new battery). Flash working range: Wide angle — 0.8 ~ 5 m (2.6 ~ 16.4 ft)/ Telephoto — 0.8 ~ 1.8 m (2.6 ~ 5.9 ft) with ISO 100 color negative film; Wide angle — 0.8 ~ 10 m (2.6 ~ 32.8 ft)/Telephoto — 0.8 ~ 3.6 m (2.6 ~ 11.8 ft) with ISO 400 color negative film.

Flash modes: Auto Flash,  Red-Eye Reduction Flash,  Off,  Fill-in Flash,  Night Scene Flash and  Red-Eye Reduction Night Scene Flash.

Battery check: Displayed on LCD panel.

Power source: One 3 V lithium battery (DL123A/CR123A).

Dimensions: 123 (W) x 66.5 (H) x 50 (D) mm (4.8 x 2.6 x 2.0 in) (without protrusions).

Weight (without battery): 275 g (9.7 oz).

SPECIFICATIONS FOR DATE UNIT

- Imprinting direction: Data
imprinted onto film from
lens side.
- Data coding: No data, year-
month-day, month-day-
year, day-month-year and
day-hour-minute.
- External indication of data: Data
display on LCD panel
- Automatic calendar system: Up
to year 2035.
- Power source: Ordinarily used
with camera body.

SPECIFICATIONS FOR RC-200 REMOTE CONTROL (optional)

Type: Infrared type remote control.

Operating range: Approx. 5 m
(16.4 ft).

Battery: One CR1220,
replaceable; service life —
approx. 5 years or approx.
20,000 operations.

Dimensions: 32 x 44 x 13 mm
(1.3 x 1.7 x 0.5 in).

Weight: 11 g (0.4 oz) (without
battery).

Other: Operating confirmation
beeper; weatherproof design.

SPECIFICATIONS ARE SUBJECT TO
CHANGE WITHOUT ANY NOTICE OR
OBLIGATION ON THE PART OF THE
MANUFACTURER.

THE ACTUAL PRODUCT MAY DIFFER
FROM ONES SHOWN IN THIS MANUAL.

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This device complies with part 15 of the FCC Rules. Operation is subject to the conditions that this device does not cause harmful interference.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.
Cet appareil numérique de la classe B respecte toutes les-exigences du Reglement sur le materiel brouilleur du Canada.

☐☐ This camera complies with EU directive 89/336/EEC for CE marking.

☐☐ Die CE-Marke zeigt an, daß diese Kamera die EG-Richtlinie 89/336EWG erfüllt.

☐☐ Cet appareil photo est conforme a la directive UE89/336/CEE pour le marquage CE.

☐☐ Esta cámara cumple con la directiva de la Union Europea 89/336/EEC para la marca de CE.